



01-14-00  
IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

A

**PATENT APPLICATION**

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Angel Lozano  
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**CASE** 10-1-3-14

**TITLE** Space-Time Processing For Multiple-Input,  
Multiple-Output, Wireless Systems

**ASSISTANT COMMISSIONER FOR PATENTS**  
**WASHINGTON, D.C. 20231**

**SIR:**

**NEW APPLICATION UNDER 37 CFR § 1.53(b)**

Enclosed are the following papers relating to the above-named application for patent:

- ✓ Specification
- [2] Formal Sheets of drawing(s)
- [1] Assignment(s) with Cover Sheet
- Declaration and Power of Attorney

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	22 - 20 =	2	x \$18 =	\$36
Independent Claims	8 - 3 =	5	x \$78 =	\$390
Multiple Dependent Claims, if applicable			+ \$260 =	\$0
Basic Fee				\$690
			<b>TOTAL FEE</b>	<b>\$1116</b>

Please file the application and charge **Lucent Technologies Deposit Account No. 12-2325** the amount of \$1116, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

The Assistant Commissioner for Patents is hereby authorized to treat any concurrent or future reply, requiring a petition for extension of time under 37 CFR § 1.136 for its timely submission, as incorporating a petition for extension of time for the appropriate length of time if not submitted with the reply.

Please address all correspondence to **Docket Administrator (Room 3C-512), Lucent Technologies Inc., 600 Mountain Avenue, P.O. Box 636, Murray Hill, New Jersey 07974-0636**. However, telephone calls should be made to me at 908-582-4323.

Respectfully,

*Eugene J. Rosenthal*  
Eugene J. Rosenthal  
Reg. No. 36658  
Attorney for Applicant(s)

Date: January 13, 2000  
**Lucent Technologies Inc.**  
**600 Mountain Avenue (Room 3C-512)**  
**P.O. Box 636**  
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Date of Deposit 1/13/00

I hereby certify that this Application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.110 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks Washington, D.C. 20231.

Iris E. Thomas  
(Printed name of person mailing paper or fee)  
*Iris E. Thomas*  
(Signature of person mailing paper or fee)